

ABSTRACT

ANCILLARY UNIT DRIVE ADAPTER

An ancillary unit drive adapter is disclosed for use
5 in an engine block which has at one end a lateral flange
formed with an aperture for mounting of the ancillary
unit. The drive adapter comprises a casing (112) for
mounting on the end face of the engine to overlie the
aperture. A shaft (116) journaled in the casing, has a
10 formation (122) at one end for coupling to the input
shaft of the ancillary unit and a cog (120) solid with
its opposite end for meshing with an engine driven gear.
Faces (120a, 120b) on the opposite sides of the cog (120)
serve in use as bearing surfaces to withstand axial
15 forces acting in both directions on the drive shaft
(116).

Figure 2.